

ATLANTIC RICHFIELD COMPANY
EAST SHUGART UNIT
LOG OF
EAST SHUGART UNIT WELL NO. 19
Formerly Hinkle "A" No. 3
Sec. 34, T-18-S, R-31-E, Eddy Co., N.M.

EXHIBIT NO. _____

LANE WELLS <i>Gamma-Ray</i> <i>Neutron</i>																																																																																																											
FILE NO.		COMPANY <u>KESOMANS & BAUNDERS</u>																																																																																																									
		WELL <u>HINKLE 3-A</u>																																																																																																									
		FIELD <u>SHUGART</u>																																																																																																									
		COUNTY <u>EDDY</u> STATE <u>NEW MEXICO</u>																																																																																																									
		LOCATION:																																																																																																									
		Other Services																																																																																																									
		SEC <u>34</u> TWP <u>18-S</u> RGE <u>31-E</u>																																																																																																									
Permanent Datum <u>GROUND LEVEL</u> Elev. _____		KB _____																																																																																																									
Log Measured from <u>GROUND LEVEL</u> Ft. Above Permanent Datum _____		DF _____																																																																																																									
Drilling Measured from <u>GROUND LEVEL</u>		GL _____																																																																																																									
Date	<u>1-19-61</u>	<u>1-19-61</u>																																																																																																									
Run No.	<u>ONE</u>	<u>ONE</u>																																																																																																									
Type Log	<u>GAMMA RAY</u>	<u>N-NEUTRON</u>																																																																																																									
Depth-Driller	<u>3470</u>	<u>3470</u>																																																																																																									
Depth-Logger	<u>3407</u>	<u>3407</u>																																																																																																									
Bottom Logged Interval	<u>3394</u>	<u>3406</u>																																																																																																									
Top Logged Interval	<u>2500</u>	<u>2500</u>																																																																																																									
Type Fluid in Hole	<u>OIL & WATER</u>	<u>OIL & WATER</u>																																																																																																									
Salinity Ppm Cl.																																																																																																											
Density Lb./Gal.																																																																																																											
Level																																																																																																											
Max. Rec. Temp. Deg. F.																																																																																																											
Op. Rig Time	<u>1 1/2 HOURS</u>	<u>1 1/2 HOURS</u>																																																																																																									
Recorded By	<u>COPELAND</u>	<u>COPELAND</u>																																																																																																									
Witnessed By	<u>MR. WESTALL</u>	<u>MR. WESTALL</u>																																																																																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Bore Hole Record</th> <th colspan="4">Casing Record</th> </tr> <tr> <th>Run No.</th> <th>Bit</th> <th>From</th> <th>To</th> <th>Size</th> <th>Wgt.</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td></td> <td><u>4 1/2"</u></td> <td><u>9 1/2</u></td> <td><u>SINEAGE</u></td> <td><u>3407</u></td> </tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>				Bore Hole Record				Casing Record				Run No.	Bit	From	To	Size	Wgt.	From	To	1				<u>4 1/2"</u>	<u>9 1/2</u>	<u>SINEAGE</u>	<u>3407</u>																																																																																
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West Texas Electrical Log Service
Dallas 2, Texas

REFERENCE A 279X



COMPLETION RECORD

SPUD DATE _____

COMP DATE _____

DST RECORD _____

CASING RECORD _____

Caa
4138